

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2000068117
PUBLICATION DATE : 03-03-00

APPLICATION DATE : 20-08-98
APPLICATION NUMBER : 10234775

APPLICANT : DAIDO STEEL CO LTD;

INVENTOR : SAITO AKIHIKO;

INT.CL. : H01F 1/14 C22C 38/00 H01F 1/00 H01Q 17/00 H05K 9/00

TITLE : ELECTROMAGNETIC WAVE ABSORBENT AND ITS MANUFACTURE

ABSTRACT : PROBLEM TO BE SOLVED: To provide electromagnetic wave absorbent which can be easily molded in a three-dimensional complex shape by injection molding and is excellent in electromagnetic wave absorbing property, and a manufacturing method of it.

SOLUTION: In electromagnetic wave absorbent formed by dispersedly filling the inside of resin base material with soft magnetic alloy powder, the soft magnetic alloy powder is made as flat powder whose aspect ratio is 5-50. When the electromagnetic wave absorbent is manufactured, material where the inside of the resin base material is filled with the flat soft magnetic alloy powder is molded in a specified shape by injection molding, and the flat powder is orientated in a constant direction.

COPYRIGHT: (C)2000,JPO